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CHARTERED PATENT AGENTS

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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

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COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☐ abstract

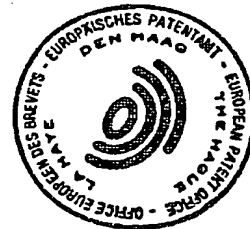
☐ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 3

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 6 539 063 B1 (BRONDER JOSEPH BERTRAM ET AL) 25 March 2003 (2003-03-25) * abstract * * column 5, line 11 - line 29 * * claim 1 *	1-11	H04L27/26
D,A	EP 1 079 579 A (MITSUBISHI ELECTRIC INF TECH) 28 February 2001 (2001-02-28) * the whole document *	1-11	
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D,A	GB 2 373 692 A (MITSUBISHI ELECTRIC INF TECH) 25 September 2002 (2002-09-25) * abstract *	1-11	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 8 September 2003	Examiner Koukourlis, S
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 25 2484

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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ABSTRACT / ZUSAMMENFASSUNG / ABREGE

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A synchronisation pulse representing a symbol boundary in a signal such as an OFDM signal is obtained by deriving a first signal representing the difference between the amplitudes of samples separated by the useful part of an OFDM symbol, a second signal representing the phase difference between the samples, and combining the first and second signals to derive a resultant signal. The resultant signal is examined and the synchronisation pulse is generated in response to the signal changing in a predetermined manner.